

Serial No. 09/103,287
STN SEARCH

CA 2236462 AA 19990103 CA 1998-2236462 19980630 JP
11225773 A2 19990824 JP 1998-225115 19980703 PRAI US
1997-52720 19970703

=> d 11 ab

L1 ANSWER 1 OF 32 CA COPYRIGHT 1999 ACS
AB The mechanism of the Mur synthetases of
peptidoglycan biosynthesis is thought to involve in
each case the successive formation of an acyl
phosphate and a tetrahedral intermediate. The
existence of the acyl phosphates for the MurC and MurD
enzymes from *Escherichia coli* was firmly established
by their *in situ* redn. by sodium borohydride followed
by acid hydrolysis, yielding the corresponding amino
alcs. Furthermore, it was found that MurD, but not
MurC, catalyzes the synthesis of adenosine
5'-tetraphosphate from the acyl phosphate, thereby
substantiating its existence and pointing out a
difference between the two enzymes.

=> log y

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Term	Documents
(3 AND 6).USPT.	1

Database: [US Patents Full-Text Database](#) 13 and 16 [Refine Search:](#) **Search History**

DB Name	Query	Hit Count	Set Name
USPT	murc	6	L1
USPT	mur adj c	0	L2
USPT	l1 or l2	6	L3
USPT	staphyloc\$	12212	L4
USPT	aureus	11291	L5
USPT	l4 or l5	14338	L6
USPT	l3 and l6	1	L7

Displayed L7(1)

FRU, CCM

w/o PR.